

## GRADES, GRADE REQUIREMENTS, AND GRADE DESIGNATIONS

**§ 868.261 Grade and grade requirements for the classes of brown rice for processing. (See also § 868.263.)**

Grade	Maximum limits of—									
	Paddy kernels		Seeds and heat-damaged kernels			Red rice and damaged kernels (singly or combined) (percent)	Chalky kernels <sup>1,2</sup> (percent)	Broken kernels removed by a 6 plate or a 6½ sieve <sup>3</sup> (percent)	Other types <sup>4</sup>	Wellmilled kernels (percent)
			Total (singly or combined) (number in 500 grams)	Heat-damaged kernels (number in 500 grams)	Objectionable seeds (number in 500 grams)					
	Percent	Number in 500 grams								
U.S. No. 1 .....	—	20	10	1	2	1.0	2.0	1.0	1.0	1.0
U.S. No. 2 .....	2.0	—	40	2	10	2.0	4.0	2.0	2.0	3.0
U.S. No. 3 .....	2.0	—	70	4	20	4.0	6.0	3.0	5.0	10.0
U.S. No. 4 .....	2.0	—	100	8	35	8.0	8.0	4.0	10.0	10.0
U.S. No. 5 .....	2.0	—	150	15	50	15.0	15.0	6.0	10.0	10.0
U.S. Sample grade	U.S. Sample grade shall be brown rice for processing which (a) does not meet the requirements for any of the grades from U.S. No. 1 to U.S. No. 5, inclusive; (b) contains more than 14.5 percent of moisture; (c) is musty, or sour, or heating; (d) has any commercially objectionable foreign odor; (e) contains more than 0.2 percent of related material or more than 0.1 percent of unrelated material; (f) contains two or more live weevils or other live insects; or (g) is otherwise of distinctly low quality.									

<sup>1</sup> For the special grade Parboiled brown rice for processing, see § 868.263(a).<sup>2</sup> For the special grade Glutinous brown rice for processing, see § 868.263(c).<sup>3</sup> Plates should be used for southern production rice and sieves should be used for western production rice, but any device or method which gives equivalent results may be used.<sup>4</sup> These limits do not apply to the class Mixed Brown Rice for Processing.

[56 FR 55979, Oct. 31, 1991. Redesignated and amended at 60 FR 16364, Mar. 30, 1995]

**§ 868.262 Grade designation and other certificate information.**

(a) *Brown rice for processing.* The grade designation for all classes of Brown rice for processing shall be included on the certificate grade-line in the following order:

- (1) The letters “U.S.,”
- (2) The number of the grade or the words “Sample grade,” as warranted;
- (3) The words “or better,” when applicable and requested by the applicant prior to inspection;

(Approved by the Office of Management and Budget under control number 0580–0013)

- (4) The class; and
- (5) Each applicable special grade (see § 868.264).

(b) *Mixed Brown rice for Processing information.* For the class Mixed Brown rice for processing, the following information shall be included in the Results section of the certificate in the following order:

- (1) The percentage of whole kernels of each type in the order of predominance;

(2) The percentage of broken kernels of each type in the order of predominance, when applicable; and

(3) The percentage of seeds, related material, and unrelated material.

(c) *Broken kernels.* Broken kernels, other than long grain in Mixed Brown rice for processing shall be certified as “medium or short grain.”

[74 FR 55442, Oct. 28, 2009]

**SPECIAL GRADES, SPECIAL GRADE REQUIREMENTS, AND SPECIAL GRADE DESIGNATIONS****§ 868.263 Special grades and special grade requirements.**

A special grade, when applicable, is supplemental to the grade assigned under § 868.262. Such special grades for brown rice for processing are established and determined as follows:

(a) *Parboiled brown rice for processing.* Parboiled brown rice for processing shall be rice in which the starch has been gelatinized by soaking, steaming, and drying. Grades U.S. Nos. 1 to 5, inclusive, shall contain not more than 10.0 percent of ungelatinized kernels. Grades U.S. No. 1 and U.S. No. 2 shall

contain not more than 0.1 percent, grades U.S. No. 3 and U.S. No. 4 not more than 0.2 percent, and grade U.S. No. 5 not more than 0.5 percent of non-parboiled rice.

NOTE: The maximum limits for "chalky kernels," "Heat-damaged kernels," and "Kernels damaged by heat" shown in § 868.261 are not applicable to the special grade "Parboiled brown rice for processing."

(b) *Smutty brown rice for processing.* Smutty brown rice for processing shall be rice which contains more than 3.0 percent of smutty kernels.

(c) *Glutinous brown rice for processing.* Glutinous brown rice for processing shall be special varieties of rice (*Oryza sativa* L. *glutinosa*) which contain more than 50 percent chalky kernels. Grade U.S. No. 1 shall contain not more than 1.0 percent of nonchalky kernels, grade U.S. No. 2 not more than 2.0 percent of nonchalky kernels, grade U.S. No. 3 not more than 4.0 percent of nonchalky kernels, grade U.S. No. 4 not more than 6.0 percent of nonchalky kernels, and grade U.S. No. 5 not more than 10.0 percent of nonchalky kernels.

NOTE: The maximum limits for "Chalky kernels" in § 868.261 are not applicable to the special grade "Glutinous brown rice for processing."

(d) *Aromatic brown rice for processing.* Aromatic brown rice for processing shall be special varieties of rice (*Oryza sativa* L. scented) that have a distinctive and characteristic aroma; e.g., basmati and jasmine rice.

[42 FR 40869, Aug. 12, 1977; 42 FR 64356, Dec. 23, 1977, as amended at 56 FR 55979, Oct. 31, 1991; 58 FR 68016, Dec. 23, 1993. Redesignated and amended at 60 FR 16364, 16365, Mar. 30, 1995]

#### § 868.264 Special grade designation.

The grade designation for parboiled, smutty, glutinous, or aromatic brown rice for processing shall include, following the class, the word(s) "Parboiled," "Smutty," "Glutinous," or "Aromatic," as warranted, and all other information prescribed in § 868.262.

[58 FR 68016, Dec. 23, 1993. Redesignated and amended at 60 FR 16364, Mar. 30, 1995]

### Subpart E—United States Standards for Milled Rice

NOTE TO THE SUBPART: Compliance with the provisions of these standards does not excuse failure to comply with the provisions of the Federal Food, Drug, and Cosmetic Act, or other Federal laws.

SOURCE: 42 FR 40869, Aug. 12, 1977; 42 FR 64356, Dec. 23, 1977. Redesignated at 60 FR 16364, Mar. 30, 1995.

#### TERMS DEFINED

#### § 868.301 Definition of milled rice.

Whole or broken kernels of rice (*Oryza sativa* L.) from which the hulls and at least the outer bran layers have been removed and which contain not more than 10.0 percent of seeds, paddy kernels, or foreign material, either singly or combined.

[48 FR 24859, June 3, 1983. Redesignated at 60 FR 16364, Mar. 30, 1995]

#### § 868.302 Definition of other terms.

For the purposes of these standards, the following terms shall have the meanings stated below:

(a) *Broken kernels.* Kernels of rice which are less than three-fourths of whole kernels.

(b) *Brown rice.* Whole or broken kernels of rice from which the hulls have been removed.

(c) *Chalky kernels.* Whole or broken kernels of rice which are one-half or more chalky.

(d) *Classes.* There are seven classes of milled rice. The following four classes shall be based on the percentage of whole kernels, and types of rice:

Long Grain Milled Rice.  
Medium Grain Milled Rice.  
Short Grain Milled Rice.  
Mixed Milled Rice.

The following three classes shall be based on the percentage of whole kernels and of broken kernels of different size:

Second Head Milled Rice.  
Screenings Milled Rice.  
Brewers Milled Rice.

(1) "Long grain milled rice" shall consist of milled rice which contains more than 25.0 percent of whole kernels of milled rice and in U.S. Nos. 1 through 4 not more than 10.0 percent of whole or broken kernels of medium or short grain rice. U.S. No. 5 and U.S. No.